1. Technical Specifications

Particular	Remarks
Key Matrix For Flashing	N/A
Chipset	MT6571
Android Version	KITKAT 4.4.2
Frequency	1.3GHz
Network Mode	GSM：900/1800
ROM	4GB
RAM	512Mb
Internal SD Card memory	NO
Expandable Memory	32GB
Factory mode code	*#*#3646633#*#*

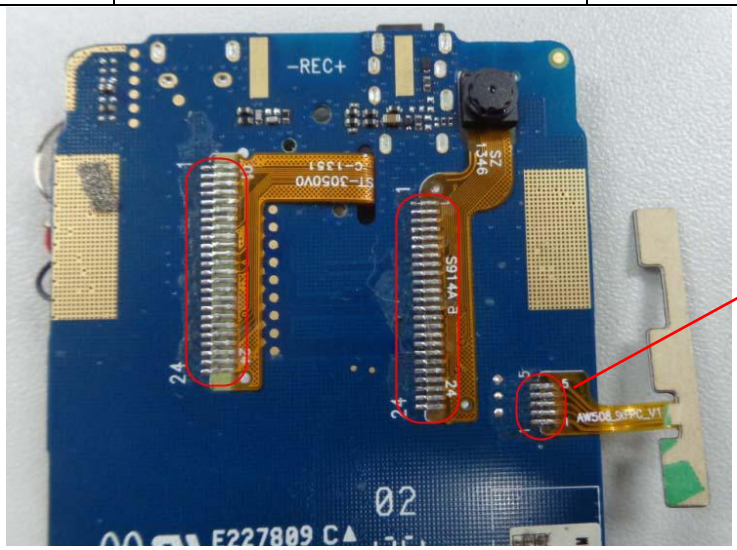
2. CAUTIONS

I. Flashing & Servicing must be undertaken by qualified personnel only.
II. Ensure all work is carried out at an anti-static workstation and that an anti-static wrist strap is worn.
III. Use only approved Tools & components as specified in the parts list.
IV. Ensure all components, modules, screws, and insulators are correctly re-fitted after servicing and alignment
V. Ensure all cables and wires are repositioned correctly if Handset disassembled
VI. Electrostatic discharge can easily damage the sensitive components of electronic products. Therefore, Service Centre must adhere the precautions which mentioned above.

3. L2 Level trouble shooting

1) Doesn't Power On

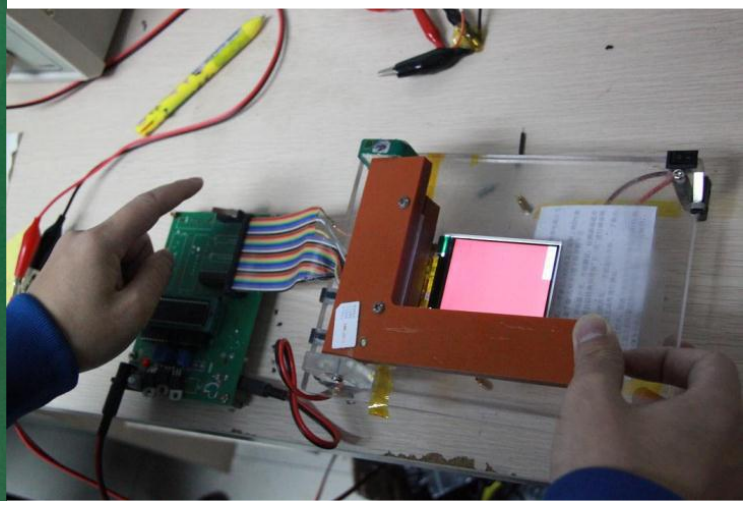
NO.	Description	Reason	Solution
1	Doesn't Power On	Soldering issue of sidekey	Re-soldering
		Sidekey broken	Change the sidekey FPC
		Mainboard issue	Refer to the L3 Repair



Check if the sidekey is broken and then solder issue.

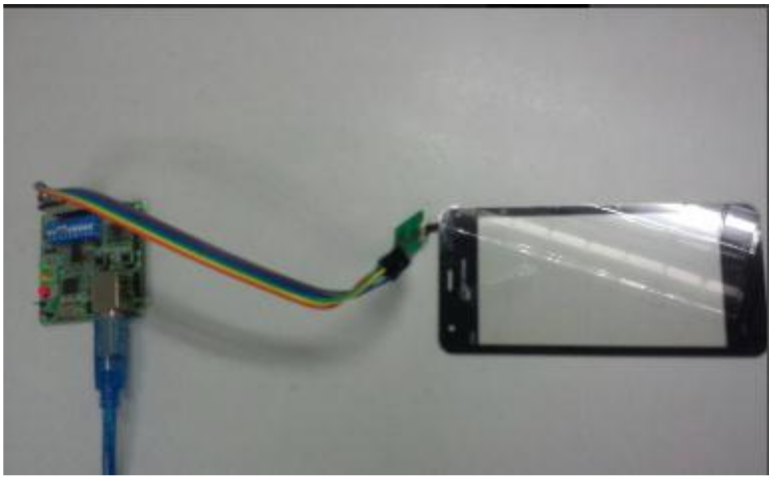
2) LCD

NO.	Description	Reason	**Solution**
1	LCD segments missing, Fading, Contrast issue, Black lines, Color issue, Backlight issue, Blank display, Bad pixel, Flickering.	LCD FPC assemble issue	Reassemble LCD FPC
		LCD FPC broken	Change the LCD
		Mainboard issue	Refer to the L3 Repair
		SW	RE-FLASH THE SW
2	LCD Mechanically broken	LCD issue	Change the LCD
		LCD broken	Change the LCD

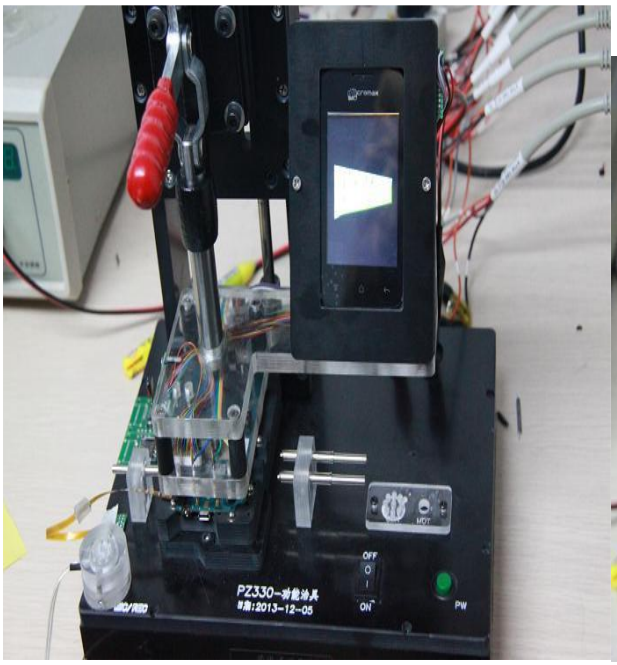


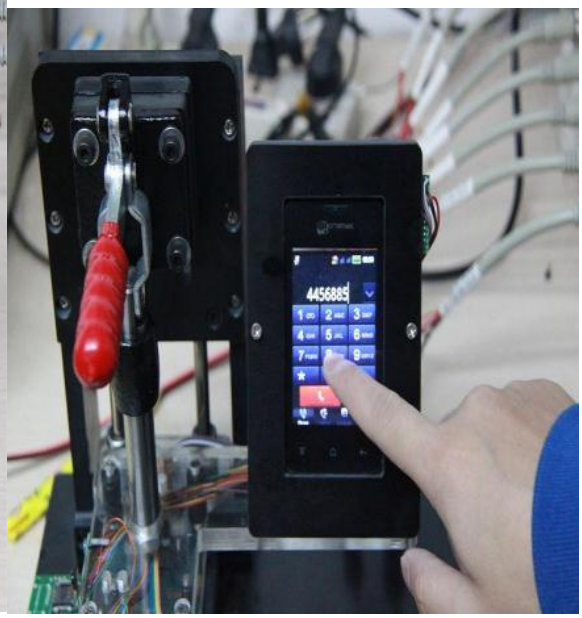
3) Touchpad

NO.	Description	Reason	Solution
1	TP not working and the light perception issue.	FPC assembly	Reassemble the FPC
		FPC broken	Change the TP
		Mainboard	Refer to the L3 Repair
		The light perception issue.	Change the TP
2	TP Mechanically broken	TP issue	Change the TP
		TP broken	Change the TP



Take off the TP, and then check and test if it is working normally use the jig and fixture .





Test the mainboard if it is OK by the PCBA jig and fixture.

4) Charging

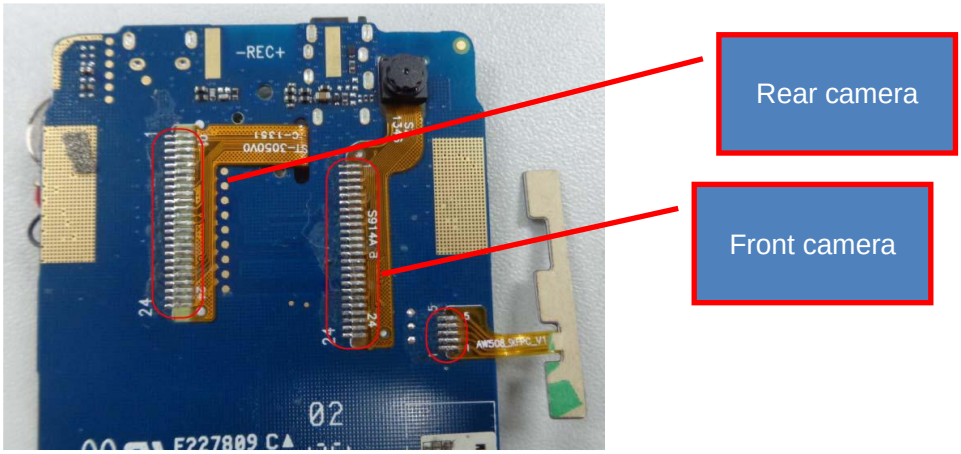
NO.	Description	Reason	Solution
1	No charging	Data cable issue	Change the data cable
		I/O connector	Change the I/O connector
		Charger issue	Change the charger
		CPU	Refer to the service guide L3
2	Charging slow	Data cable issue	Change the data cable
		I/O connector	Change the I/O connector
		CPU <VCHG is poor soldering>	Refer to the service guide L3

5) USB

NO.	Description	Reason	Solution
1	No charging	Data cable issue	Change the data cable
		I/O connector	Change the I/O connector
		Charger issue	Change the charger
		CPU	Refer to the service guide L3
2	Cannot use DATA	D+ or D- is broken	Change the data cable

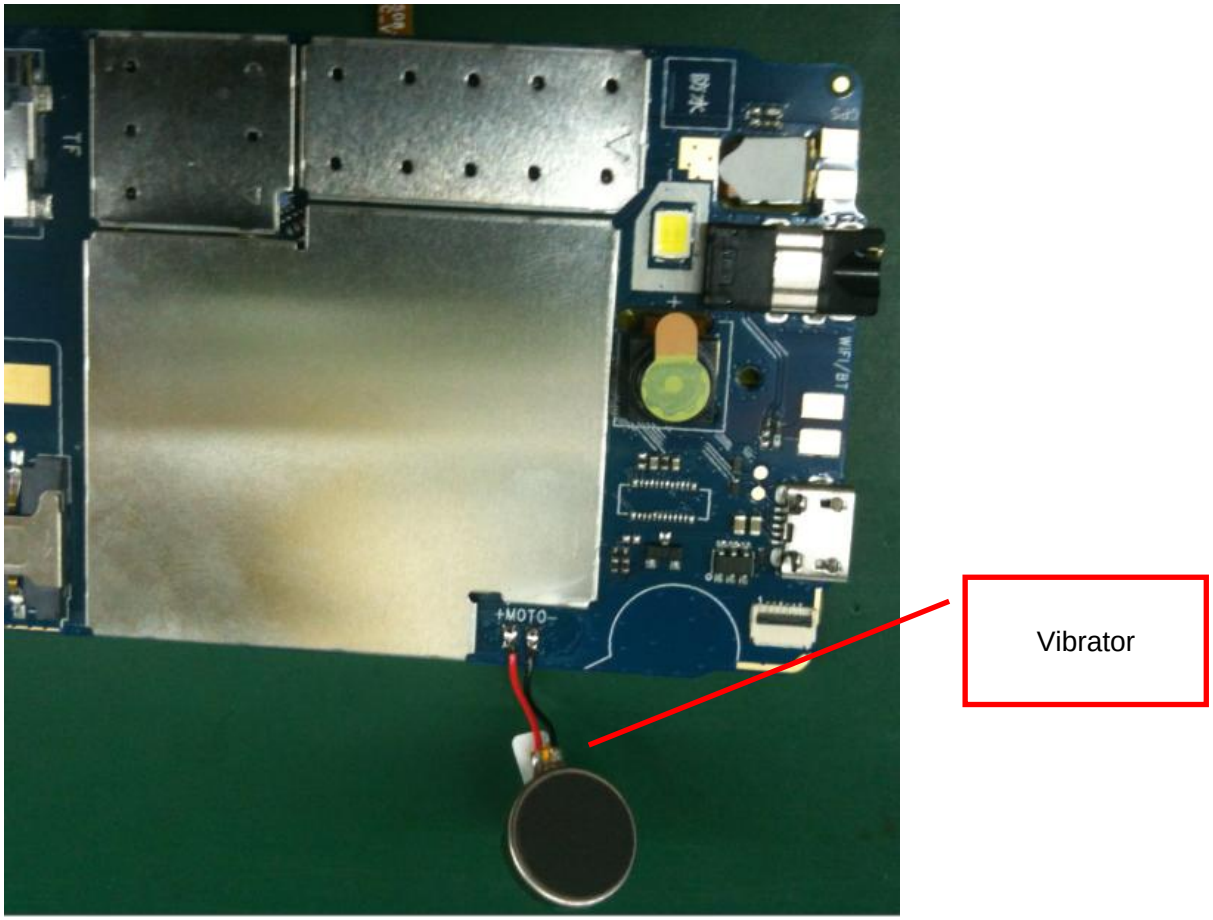
6) Main Camera/ Front Camera

NO.	Description	Reason	Solution
1	Camera not ready/not working/no function	Connection issue	Re-connecting
		Camera issue	Change the camera
		CPU	Refer to the service guide L3
2	Front camera can't open	Camera issue	Change the front camera
3	Rear camera can't open	Camera issue	Change the front camera
4	Bad image	Assemble issue	Reassemble the camera
		Camera issue	Change the camera
		CPU	Refer to the service guide L3



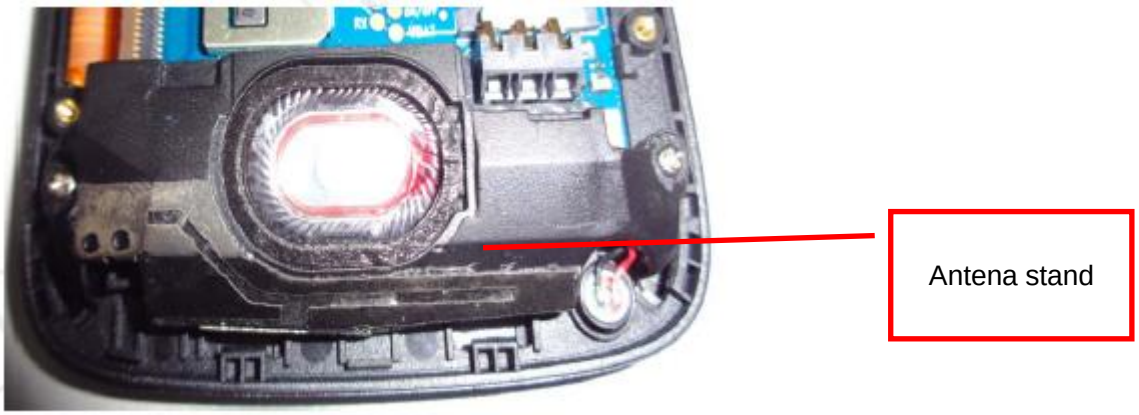
7) Vibrator

NO.	Description	Reason	Solution
1	No vibrating	Soldering issue	Re-soldering the vibrator
		Vibrator issue	Change the Vibrator
		CPU	Refer to the service guide L3
		Assemble issue	Reassemble the vibrator



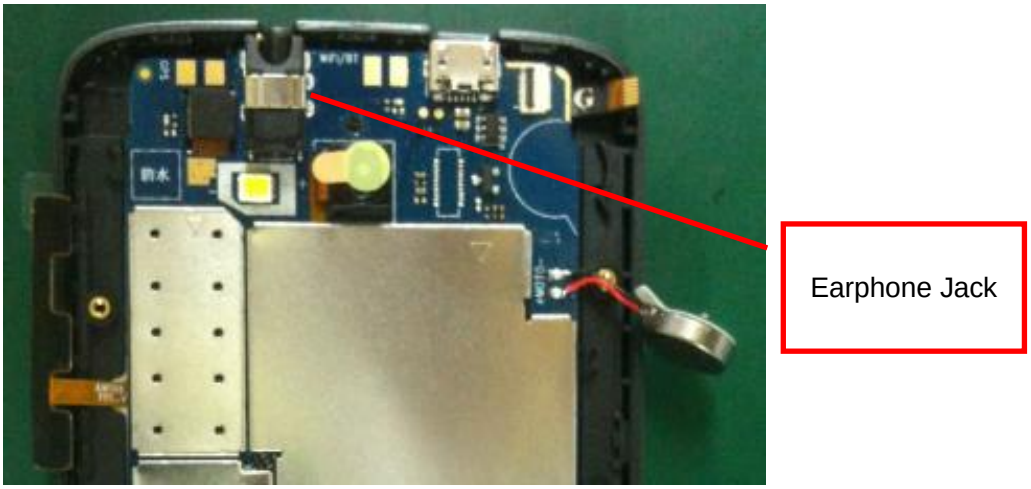
8) WI-FI/Bluetooth

NO.	Description	Reason	Solution
1	No signal	Wifi/BT antenna stand assembly issue	Reassemble
		Mainboard	Refer to the service guide L3



9) FM/Radio

NO.	Description	Reason	Solution
1	No signal	Earphone issue	Change a new earphone
		Earphone Jack of mainboard issue	Refer to the service guide L3



10) Ear Phone

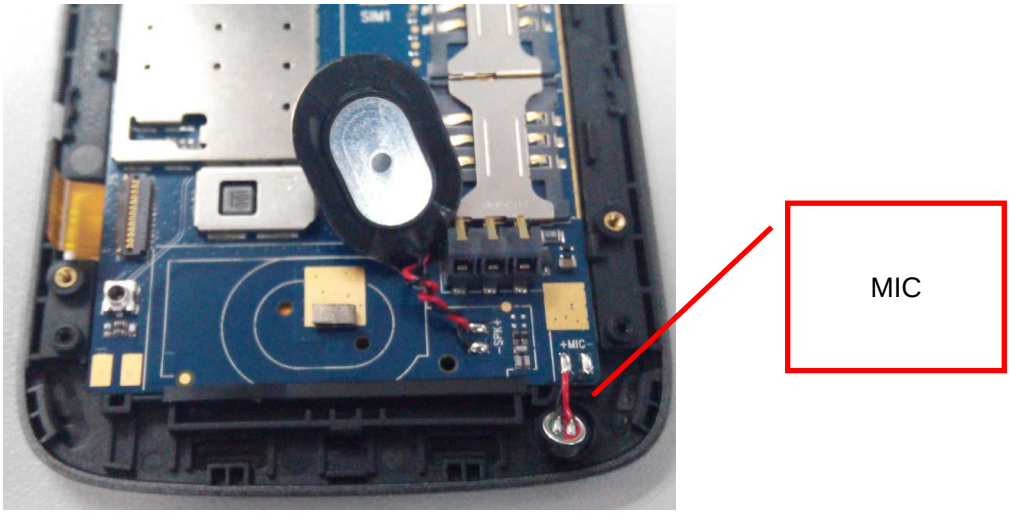
NO.	Description	Reason	Solution
1	ONE SIDE IS NOT WORKING	earphone issue	Change a new earphone
		Cable broken	open the housing of MIC, check and solder the cable
		CPU or charging IC with issue	Refer to the service guide L3
2	Noise	Cable broken	open the housing of MIC, check and solder the cable
		Cable broken	open the housing of MIC, check and solder the cable
3	MIC is not working	MIC issue	Change the earphone
		Cable broken	open the housing of MIC, check and solder the cable
4	Can't end the call by earphone	Assembly issue	Open the MIC housing ,check and assembly again

11) Outgoing Audio/Louder speaker

No.	Description	Reason	Solution
1	Noise/crack	The SPK with dust	Clean the SPK
		Speaker foam issue	Change it
		Speaker issue	Change it
		CPU	Refer to the service guide L3
2	No volume/low volume	Connection issue	Assembly it again
		Louder speaker issue	Change it
		CPU	Refer to the service guide L3

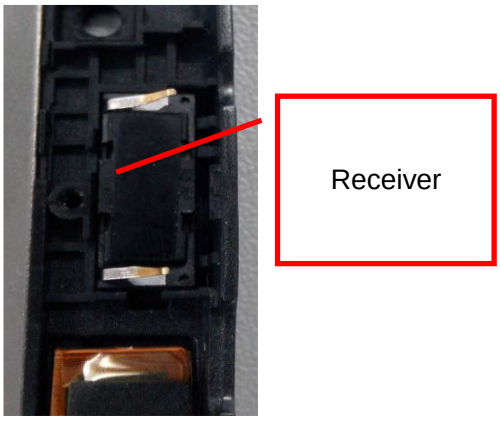
12) Incoming Audio / MIC

NO.	Description	Reason	Solution
1	Noise with uplink side	There is dust with MIC	Clean the MIC
		Solder issue	Re-solder it
		MIC issue	Change the MIC
		The main LINK FPC assembly issue	Reassemble the Link FPC
		CPU or related component	Refer to the service guide L3
2	Volume low/no volume with uplink side	There is dust with MIC	Clean the MIC
		Solder issue	Re-solder it
		MIC issue	Change the MIC
		The main LINK FPC assembly issue	Reassemble the Link FPC
		CPU or related component	Refer to the service guide L3
3	TDD noise	MIC issue	Change the MIC



13) Receiver

NO.	Description	Reason	Solution
1	Noise/crack	There is dust with receiver	Clean the receiver
		Receiver issue	Change it
		CPU	Refer to the service guide L3
2	No voice/ volume low	Connection issue	Assembly it again
		Receiver issue	Change it
		CPU	Refer to the service guide L3



Thanks

For any Query or suggestion, Please write to tech.help@micromaxinfo.com